Nucleic acid materules associated with plant cell proliferation and growth and the thereof ATTY. DOCKET NO. 51837 APPLICATION NO. ??? APPLICANT Steve He and Stanton Dotson INFORMATION DISCLOSURE STATEMENT FILING DATE ???? GROUP To be assigned U.S. PATENT DOCUMENTS **EXAMINER** DOCUMENT SUB-INITIAL NUMBER DATE NAME **CLASS CLASS** FILING DATE US6,329,5657 12-11-2001 Methods for improving seeds Ri 2-19-1998 AA FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT SUB-INITIA NUMBER DATE COUNTRY CLASS CLASS TRANSLATION WO0129240 4-26-2001 PCT A2 Yes ΑB No WO0136595 5-25-2001 PCT A2 Yes AC No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Wilson, et al., DNA binding properties of the Arabidopsis floral development protein AINTEGUMENTA, AD Nucleic Acids Research 28:4076-4082, 2000 Krizek, Ectopic expression of AINTEGUMENTA in Arabidopsis plants results in increased growth of floral ΑE organs, Developmental Genetics 25:224-236, 1999 Mizukami, et al., Plant organ size control: AINTEGUMENTA regulates growth and cell numbers during ΑF organogenesis, Proceedings of the National Academy of Sciences, USA 97:942-947, 2000 Okamura, et al., The AP2 domain of APETALA2 defines a large new family of DNA binding proteins in AG Arabidopsis, Proceedings of the National Academy of Sciences, USA 94:7076-7081, 1997 Mian, et al., RFLP tagging of QTLs conditioning specific leaf weight and leaf size in soybean, Theor Appl Genet ΑH 96: 354-360, 1998 Klucher, et al, The AINTEGUMENTA gene of Arabidopsis required for ovule and female gametophyte ΑJ development is realted to the floral homeotic gene APETALA2, The Plant Cell 8:137-153, 1996 Gu, et al., The FRUITFULL MADS-box gene mediates cell differentiation during Arabidopsis development, ΑJ Development 125:1509-1517, 1998 Liu, et al., Transcription factors and their genes in higher plants, European Journal of Biochemistry 262:247-257, ΑK Long, et al., The development of apical embryonic pattern in Arabidopsis, Development 125:3027-3035, 1998 AL Schneitz, et al., Pattern formation and growth during floral organogenesis: HUELLENLOS and AM AINTEGUMENTA are required for the formation of the proximal region of the ovule primordium in Arabidopsis thalania, Development 125:2555-2563 Elliot, et al., AINTEGUMENTA, an APETALA2-like gene of arabidopsis with pleiotropic roles in ovule AN development and floral organ growth, The Plant Cell 8:155-168, 1996 Long, et al., Initiation of Axillary and Floral meristems in Arabidopsis, Developmental Biology 218:341-353, ΑO

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Page 1 of 1